| Manhole Inspection Summary Manhole # | | Manhole # S45II_029MH |
|--------------------------------------|--|---|
| Printed On: 6/24 | /2010 | Page 1 of 8 |
| Inspection | ☐ Is Incomplete Rating: 3) Fair | |
| Record Plat: 45 | Sil Node: 029 Status: Found | Insp Date: 4/29/08 10:32 AM |
| Incomplete Cor | nments | Crew: ct,jf |
| | | Inspector: Provine , D |
| | | Firm: JV |
| Location | Address: Federal St | Cross Street: Washington St |
| Manhole | Type: Junction Location: Roadway | Ground Conditions: Dry |
| | ☐ Prev. Rehab Weather: Dry | Subject To Ponding: None |
| Comments | Pass | |
| | | |
| Cover | Shape: Circular Diameter: 24 (in. | , |
| | Type: Sanitary Condition: Sound | Cover Material: Cast Iron |
| Properties: | ☐ Bolted ☐ Vented ☐ Water Tight ☐ V | Water Tight Insert |
| Frame | Offset: 3 (in.) Condition: ✓ Sound | ☐ Cracked ☐ Leaks |
| Chimney / Fra | me Adjustment | Parged Height: 21 (in.) |
| Condition: | ☐ Sound ☐ Cracked ☐ Root Intrusion ✓ | Loose Brick Deteriorated |
| Infiltration: | ☐ None ☐ Joint ☐ Cracks ✓ Mortar ☐ | Roots Wall |
| Corbel | Material: Brick | Type: Concentric/Eccentric |
| Condition: | ✓ Sound ☐ Cracked ☐ Root Intrusion ☐ | Loose Brick Deteriorated |
| Infiltration: | □ None □ Joint □ Cracks □ Mortar | ☐ Roots ✓ Wall |
| Barrel | Material: Brick | |
| Shape: | Circular Diameter: 36 (in.) Length: | (in.) |
| Condition: | ✓ Sound ☐ Cracked ☐ Root Intrusion ☐ | Loose Brick Deteriorated |
| Infiltration: | ☐ None ☐ Joint ☐ Cracks ☐ Mortar | ☐ Roots ✓ Wall |
| Bench | ✓ Exists Material: Brick |] Parged |
| Condition: | ✓ Sound ☐ Cracked ☐ Root Intrusion ☐ | Deteriorated Leaks Debris |
| Channel | Material: Brick | |
| Channel E | xposure: Fully Open Junc Dist: 0 n | earest .5 ft. Azimuth: |
| Condition: | ✓ Sound ☐ Cracked ☐ Root Intrusion ☐ | Deteriorated Leaks Debris |
| Steps | Count: 6 Missing: 4 | |
| Surcharge | Evidence Of Surcharge Depth: (ft.) | Active Surcharge Present |

Manhole # S45II_029MH

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Location View



Defect 2



deterioration

Top View



Defect 1

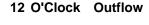


infiltartion

Manhole # S45II_029MH

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21 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock





Pipe Height: 21.6 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 12.50 (ft.) Flow Characteristics: Fast

Deposits: \subseteq None \subseteq Mud \subseteq Sludge \subseteq Debris \subseteq Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



3 O'Clock Inflow

Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 11.30 (ft.) Flow Characteristics: Fast

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

Manhole # S45II_029MH

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21 in. Circular Gravity Sewer Pipe In @ 6 O'Clock





Pipe Height: 21.6 (in.) Rod and Bar (Angled) Drop: None Pipe Material: Clay ☐ Pipe Lined Invert Depth: 12.30 (ft.) Flow Characteristics: Fast Connects To: Manhole

Silt Depth: (in.) Deposits Extent: Infiltration: None Pipe Seal Cond: Sound

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 9 O'Clock

Infiltration: None

9 O'Clock Inflow



| Pipe Height: 8.4 (in.) | Rod and Bar (Angled) | | | | |
|--|----------------------|---|--|--|--|
| Pipe Material: Clay | ☐ Pipe Lined | | | | |
| Invert Depth: 10.50 (ft.) Flow Characteristics: Slow | | | | | |
| Deposits: ☑ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease ☐ | | | | | |
| Silt Depth: (in.) | Deposits Extent: | (| | | |

Pipe Seal Cond: Sound

| Drop: None | |
|-----------------------------|--|
| Connects To: Manhole | |
| Possible Illicit Connection | |

| Manhole In | spection Summary | Manhole # S45II_029MH |
|------------------|--|--|
| Printed On: 6/24 | /2010 | Page 5 of 8 |
| Inspection | ☐ Is Incomplete Rating: 3) Fair | |
| Record Plat: 45 | Sill Node: 029 Status: Found | Insp Date: 4/29/08 10:32 AM |
| Incomplete Cor | nments | Crew: ct,jf |
| | | Inspector: Provine , D |
| | | Firm: JV |
| Location | Address: Federal St | Cross Street: Washington St |
| Manhole | Type: Junction Location: Roadway | Ground Conditions: Dry |
| | ☐ Prev. Rehab Weather: Dry | Subject To Ponding: None |
| Comments | Pass | |
| | | |
| Cover | · | (in.) Length: (in.) Dist A/B Grade: 0 (in.) |
| | Type: Sanitary Condition: So | |
| Properties: | ☐ Bolted ☐ Vented ☐ Water Tight | ☐ Water Tight Insert |
| Frame | Offset: 3 (in.) Condition: ✓ Sour | nd □ Cracked □ Leaks |
| Chimney / Fra | me Adjustment | ck Parged Height: 21 (in.) |
| Condition: | ☐ Sound ☐ Cracked ☐ Root Intrusion | ✓ Loose Brick Deteriorated |
| Infiltration: | ☐ None ☐ Joint ☐ Cracks ✓ Mort | ar □ Roots □ Wall |
| Corbel | Material: Brick | ged Type: Concentric/Eccentric |
| Condition: | ✓ Sound ☐ Cracked ☐ Root Intrusion | ☐ Loose Brick ☐ Deteriorated |
| Infiltration: | ☐ None ☐ Joint ☐ Cracks ☐ Mo | ortar 🗌 Roots 🔽 Wall |
| Barrel | Material: Brick | ged |
| Shape: | Circular Diameter: 36 (in.) Ler | ngth: (in.) |
| Condition: | ✓ Sound ☐ Cracked ☐ Root Intrusion | ☐ Loose Brick ☐ Deteriorated |
| Infiltration: | ☐ None ☐ Joint ☐ Cracks ☐ Mo | ortar 🗌 Roots 🔽 Wall |
| Bench | ✓ Exists Material: Brick | ☐ Parged |
| Condition: | ✓ Sound ☐ Cracked ☐ Root Intrusion | ☐ Deteriorated ☐ Leaks ☐ Debris |
| Channel | Material: Brick | ged |
| Channel E | xposure: Fully Open Junc Dist: 0 | nearest .5 ft. Azimuth: |
| Condition: | ✓ Sound ☐ Cracked ☐ Root Intrusion | ☐ Deteriorated ☐ Leaks ☐ Debris |
| Steps | Count: 6 Missing: 4 | |
| Surcharge | Evidence Of Surcharge Depth: | (ft.) Active Surcharge Present |

Manhole # S45II_029MH

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Location View

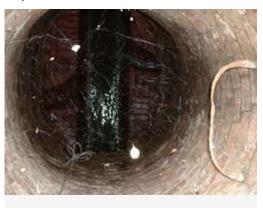


Defect 2



deterioration

Top View



Defect 1



infiltartion

Manhole # S45II_029MH

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21 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock





Pipe Height: 21.6 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 12.50 (ft.) Flow Characteristics: Fast

Deposits: \subseteq None \subseteq Mud \subseteq Sludge \subseteq Debris \subseteq Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 O'Clock





Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 11.30 (ft.) Flow Characteristics: Fast

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

Manhole # S45II_029MH

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6 O'Clock Inflow

21 in. Circular Gravity Sewer Pipe In @ 6 O'Clock



Pipe Height: 21.6 (in.) Rod and Bar (Angled)

Pipe Material: Clay Pipe Lined

Invert Depth: 12.30 (ft.) Flow Characteristics: Fast

Deposits: $\slash\hspace{-0.4cm}$ None $\slash\hspace{-0.4cm}$ Mud $\slash\hspace{-0.4cm}$ Sludge $\slash\hspace{-0.4cm}$ Debris $\slash\hspace{-0.4cm}$ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 9 O'Clock

Infiltration: None





| Pipe Height: 8.4 (in. |) Rod and Bar (Angled) | | | |
|---|---------------------------------------|--|--|--|
| Pipe Material: Clay | Pipe Lined | | | |
| nvert Depth: 10.50 (1 | t.) Flow Characteristics: Slow | | | |
| Deposits: ☑ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease | | | | |
| Silt Depth: (in. |) Deposits Extent: | | | |

Pipe Seal Cond: Sound

Connects To: **Manhole**Possible Illicit Connection

Drop: None